

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(alkyne)and(diolefin)and(olefin)and (hydrogen)and(catalyst)and(support)and(metal)and(organic)and(nitrogen)and(calcining).clm.	US-PGPUB	OR	OFF	2007/01/22 09:08

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(alkyne)and(diolefin)and(olefin)and (hydrogen)and(catalyst)and(support)and(metal)and(organic)and(nitrogen)and(calcining).clm.	US-PGPUB	OR	OFF	2007/01/22 09:08
S1	10	"3859377"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:00
S2	19	"5356851"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:52
S3	5	"6096933"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:52
S4	10	"6355854"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:53
S5	4	"6586647"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:55
S6	14	"5364998"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:56
S7	25	"5877363"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 15:59
S8	14	"6084140"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 16:00

## EAST Search History

S9	13	"6255548"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 16:02
S10	8	"2002/0068843"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/11 16:02
S11	40	"3651167"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:01
S12	15	"3793232"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:01
S13	8	"4149961"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:02
S14	17	"4207169"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:03
S15	3	"4243516"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:03
S16	19	"4420420"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:03
S17	32	"4487848"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:03
S18	19	"4522935"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:04

## EAST Search History

S19	86	"4677094"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:04
S20	11	"4691070"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:07
S21	5	"5233118"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:08
S22	15	"5536695"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:08
S23	10	"5965481"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:08
S24	5	"6153090"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:08
S25	2	"6187985"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:09
S26	6	"6436871"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:09
S27	4	"6498280"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:10
S28	3	"6503866"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:10

## EAST Search History

S29	5	"6514904"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:11
S30	8	"6777371"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:11
S31	1	"10/721,046"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:14
S33	1286	"502/167"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:15
S34	1537	(diolefin)and(olefin)and(catalyst)and(metal)and(nitrogen)and(removal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/01/22 09:06
S35	419	(diolefin)and(olefin)and(catalyst)and(metal)and(nitrogen)same(removal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:19
S36	292	(diolefin)same(olefin)and(catalyst)and(metal)and(nitrogen)same(removal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:20
S37	254	(diolefin)same(olefin)and(catalyst)same(metal)and(nitrogen)same(removal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:20
S38	36	(diolefin)same(olefin)and(catalyst)same(metal)same(nitrogen)same(removal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:20
S39	1	(diolefin)and(catalyst)and(group-8)and (group-9)and(group-10)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:46

## EAST Search History

S40	1	(diolefin)and(group-8)and (group-9)and(group-10)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:46
S41	127	(catalyst)and(group adj VIII)and (group adj IX)and(group adj X)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:48
S42	37	(hydrogenation)and(catalyst)and(gr oup adj VIII)and (group adj IX)and(group adj X)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:49
S43	39	(hydrogenation)and(catalyst)and(gr oup adj VIII)and (group adj IX)and(group adj X)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/12 14:49
S44	36	(diolefin)and(rhodium)and (indium)and(iron)and(ruthenium)an d(cobalt)and(alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:57
S45	44	(diolefin)and(rhodium)and (indium)and(iron)and(ruthenium)an d(cobalt)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:58
S46	506	(catalyst)and(hydrogenation)and(rh odium)and (indium)and(iron)and(ruthenium)an d(cobalt)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:59
S47	348	(catalyst)same(hydrogenation)and(r hodium)and (indium)and(iron)and(ruthenium)an d(cobalt)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:59
S48	129	(catalyst)same(hydrogenation)same (rhodium)and (indium)and(iron)and(ruthenium)an d(cobalt)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/12 14:59
S49	1	(catalyst)and(diolefin)and(metal)an d(aminoacid)and(aminoalcohol)and( calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:49

## EAST Search History

S50	2	(catalyst)and(metal)and(aminoacid) and(aminoalcohol)and(calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:49
S51	2	(catalyst)and(aminoacid)and(amino alcohol)and(calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:50
S52	60	(catalyst)and(aminoacid)and(amino alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:50
S53	1289	(diolefin)and(olefin)and(catalyst)an d(amino)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:54
S54	819	(diolefin)same(olefin)and(catalyst)a nd(amino)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:54
S55	206	(diolefin)same(olefin)same(catalyst) and(amino)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 06:54
S56	38	(diolefin)same(olefin)same(catalyst) same(amino)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:02
S57	68	(diolefin)same(catalyst)same(amino )and(acid)and(alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:11
S58	552	(catalyst)and(support)and(metal)an d(amino)and(acid or alcohol)and(calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:12
S59	350	(catalyst)same(support)same(metal )and(amino)and(acid or alcohol)and(calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:13

## EAST Search History

S60	26	(catalyst)same(support)same(metal) same(amino)same(acid or alcohol)and(calcining)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:22
S61	13	(catalyst)and(support)and(metal)an d(amino)same(acid or alcohol)and(calcining)and(diolefin)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 07:23
S62	153	585/258	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 16:27
S63	1	(catalyst)and(support)and(organoni trogen)and(aminoacid)and(aminoal cohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 10:20
S64	226	(catalyst)and(support)and(organoni trogen)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:37
S65	212	(catalyst)same(support)and(organo nitrogen)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:38
S66	74	(catalyst)same(support)same(organ onitrogen)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:40
S68	6	(hydrogenation adj catalyst)and(support)same(organon itrogen)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:41
S69	31	(hydrogenation adj catalyst)and(support)and(organonit rogen)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:42
S70	1200	(hydrogenation adj catalyst)and(support)and(amino-)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 08:42



## EAST Search History

S71	70	(hydrogenation adj catalyst)same(support)same(amino-)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:00
S72	2	(hydrogenation adj catalyst)same(support)same(amino alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:08
S73	1	(hydrogenation adj catalyst)same(support)same(amino acid)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:03
S74	1	(hydrogenation adj catalyst)same(support)same(amino adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:08
S75	1	(hydrogenation adj catalyst)and(support)same(amino adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:08
S76	45	(hydrogenation adj catalyst)and(support)and(amino adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:20
S78	12	(hydrogenation adj catalyst)and(support)and(2-amino-2-methyl-1-propanol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 09:22
S80	286	(hydrogenation)and(catalyst)and(support)and(noble adj metal)and(hydrazine)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 10:21
S81	251	(hydrogenation)same(catalyst)and(support)and(noble adj metal)and(hydrazine)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 10:21
S82	22	(hydrogenation)same(catalyst)same(support)and(noble adj metal)same(hydrazine)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 10:36

## EAST Search History

S83	6	(hydrogenation)same(catalyst)same (support)and(amino adj alcohol)and(amino adj acid)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 10:38
S84	108	585/262	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/05/15 16:27
S85	11	"4691070"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2007/01/18 13:40